We claim:

1. A barstock body fluid control valve comprising:

a barstock body of preselected material having an inlet end and an outlet end, and a preselected cross section defining the outer walls;

a through machined main flow port located eccentrically on said inlet and said outlet ends;

wherein said main flow port eccentric location increases the available barstock thickness at one outer wall location and decreases barstock thickness in the opposite wall.

2. The valve according to claim 1 further comprising a machined stem port perpendicular to said flow port positioned at said increased barstock thickness.

3. The valve according to claim 1 further comprising a machined bottom flow port perpendicular to said flow port; a machined stem port centrally aligned with said bottom flow port, said stem port machined through the opposite outer wall of said barstock body; wherein barstock cross section is minimized adjacent to the stem port.

4. A method of reducing initial barstock size in a barstock body fluid control valve which comprises the steps of:

cutting barstock of predetermined size, outer wall configuration and material to length;

forming a valve body by machining flat surfaced ends on said barstock perpendicular to said barstock outer wall;

aligning to longitudinally bore said barstock along a centerline eccentrically located to position bore closer to said barstock outer wall;

machining a throughbore in said barstock along said eccentric centerline;

machining a valve stem bore perpendicular to said throughbore, positioning said valve stem bore a maximum distance from eccentric centerline;

installing a standard size valve stem;

wherein the eccentrically located bore permits the standard size valve stem to be used with a resulting thinner barstock wall thickness on the valve body opposite the valve stem.

5. The valve according to claim 1 in the form of a quarter turn ball valve.

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